

South Carolina Centers of Economic Excellence / SmartState Program™
Summary of Funded Proposals

| Institution(s) | Proposal | Proposal Amount | State Funds Drawn | Match Pledged | Match Received | Date of Inception | 18 month Pledge Window | Pledge Deadline Met | 60 Month Draw Down Window | Draw Deadline Met | No. of Chairs | Chair(s) Hired | Chair Holder |
|----------------------|-----------------------------------|-----------------|-------------------|---------------|----------------|-------------------|------------------------|---------------------|---------------------------|-------------------|---------------|----------------|--|
| Funding Year 2002-03 | | | | | | | | | | | | | |
| Clemson | Automotive Systems Integration | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/24/2003 | 12/24/2004 | yes | 12/24/2009 | yes | 1 | 1 | Venhovens |
| Clemson | Automotive Manufacturing | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/24/2003 | 12/24/2004 | yes | 12/24/2009 | yes | 1 | 1 | Kurfess |
| USC | Nanostructures | \$4 Million | \$4,000,000 | \$4,000,000 | \$4,000,000 | 6/24/2003 | 12/24/2004 | yes | 12/24/2009 | yes | 1 | 1 | Webb |
| USC/MUSC | Brain Imaging | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/24/2003 | 12/24/2004 | yes | 12/24/2009 | yes | 3 | 2 | Helpern (MUSC), Rorden (USC) |
| MUSC | Proteomics | \$4 Million | \$4,000,000 | \$4,000,000 | \$4,000,000 | 6/24/2003 | 12/24/2004 | yes | 12/24/2009 | yes | 2 | 1 | Drake |
| MUSC | Neuroscience | \$3 Million | \$3,000,000 | \$3,000,000 | \$3,000,000 | 6/24/2003 | 12/24/2004 | yes | 12/24/2009 | yes | 3 | 1 | Aston-Jones |
| MUSC/USC/CoC | Marine Genomics | \$4 Million | \$4,000,000 | \$4,000,000 | \$4,000,000 | 6/24/2003 | 12/24/2004 | yes | 12/24/2009 | yes | 3 | 3 | Guillette (MUSC), Naylor (MUSC) Kresovich (USC) |
| Total 2002-03 | | \$30 Million | \$30,000,000 | \$30,000,000 | \$30,000,000 | | | | | | | | |
| Funding Year 2003-04 | | | | | | | | | | | | | |
| Clemson | Automotive Design & Development | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 8/25/2003 | 2/25/2005 | yes | 2/25/2010 | yes | 1 | 1 | Hubing |
| Clemson | Electronics Systems Integration | \$3 Million | \$3,000,000 | \$3,000,000 | \$3,000,000 | 4/27/2004 | 10/27/2005 | yes | 10/27/2010 | yes | 1 | | |
| Clemson | Optical Materials | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 4/27/2004 | 10/27/2005 | yes | 10/27/2010 | yes | 1 | | |
| USC | Polymer Nanocomposites | \$3.5 Million | \$3,500,000 | \$3,500,000 | \$3,500,000 | 4/27/2004 | 10/27/2005 | yes | 10/27/2010 | yes | 1 | 1 | Benicewicz |
| USC | Hydrogen Economy (I) * | \$2.5 Million | \$2,500,000 | \$2,500,000 | \$2,500,000 | 4/27/2004 | 10/27/2005 | yes | 10/27/2010 | yes | 2 | | |
| MUSC/Clemson/USC | Regenerative Medicine | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 8/25/2003 | 2/25/2005 | yes | 2/25/2010 | yes | 3 | 3 | Swaja (MUSC), Morad (USC), Wen (C |
| MUSC/USC | Translational Cancer Therapeutics | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 4/27/2004 | 10/27/2005 | yes | 10/27/2010 | yes | 2 | 2 | Tew (MUSC), Roninson (USC) |
| Total 2003-04 | | \$29 Million | \$29,000,000 | \$29,000,000 | \$29,000,000 | | | | | | | | |

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| Funding Year 2004-05 | | | | | | | | | | | | | |
| Clemson | Restoration [WITHDRAWN 7-11-07] | [\$3 Million] | | | | 8/30/2004 | | | | | | | |
| Clemson | Electron Imaging [WITHDRAWN 12-21-07] | [\$5 Million] | | | | 6/29/2005 | | | | | | | |
| USC | Renewable Fuels for Fuel Cell Economy | \$3 Million | \$3,000,000 | \$3,000,000 | \$3,000,000 | 6/29/2005 | 12/29/2006 | yes | 12/29/2011 | yes | 1 | 1 | Regalbuto |
| USC | Hydrogen Economy (II) * | \$2.5 Million | \$2,500,000 | \$2,500,000 | \$2,500,000 | 8/30/2004 | 2/28/2006 | yes | 2/28/2011 | yes | [See 03-04] | | |
| USC/Coastal Carolina | Tourism & Economic Development | \$2 Million | \$2,000,000 | \$2,000,000 | \$2,000,000 | 8/30/2004 | 2/28/2006 | yes | 2/28/2011 | yes | 1 | 1 | Hudson |
| MUSC | Gastrointestinal Cancer Diagnostics | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/29/2005 | 12/29/2006 | yes | 12/29/2011 | yes | 2 | 1 | Thomas |
| MUSC/USC | Cancer Drug Discovery | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 8/30/2004 | 2/28/2006 | yes | 2/28/2011 | yes | 4 | 3 | LeMasters (MUSC), Smith (MUSC), Woster (MU |
| MUSC/USC | Vision Science | \$4.5 Million | \$4,367,192 | \$4,500,000 | \$4,500,000 | 6/29/2005 | 12/29/2006 | yes | 12/29/2011 | | 3 | | |
| Total 2004-05 | | \$22 Million | \$21,867,192 | \$22,000,000 | \$22,000,000 | | | | | | | | |
| Funding Year 2005-06 | | | | | | | | | | | | | |
| Clemson | Supply Chain Optimization & Logistics | \$2 Million | \$2,000,000 | \$2,000,000 | \$2,000,000 | 9/16/2005 | 3/16/2007 | yes | 3/16/2012 | yes | 1 | 1 | Mason |
| Clemson | Urban Ecology & Restoration | \$2 Million | \$2,000,000 | \$2,000,000 | \$2,000,000 | 9/16/2005 | 3/16/2007 | yes | 3/16/2012 | yes | 1 | | |
| Clemson | Advanced Fiber-Based Materials | \$4 Million | \$3,413,000 | \$4,000,000 | \$3,413,000 | 6/13/2006 | 12/13/2007 | yes | 12/13/2012 | | 1 | | |
| Clemson | Molecular Nutrition [WITHDRAWN 12-9-08] | [\$2 Million] | | | | 6/13/2006 | | | | | | | |
| USC | Solid Oxide Fuel Cells | \$3 Million | \$2,900,000 | \$3,000,000 | \$3,000,000 | 6/13/2006 | 12/13/2007 | yes | 12/13/2012 | | 1 | 1 | Reifsnider |
| USC/MUSC | Childhood Neurotherapeutics | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/13/2006 | 12/13/2007 | yes | 12/13/2012 | yes | 3 | | |
| MUSC | Molecular Proteomics in CV Disease & Preventi | \$5 Million | \$4,778,495 | \$5,000,000 | \$4,778,497 | 6/13/2006 | 12/13/2007 | yes | 12/13/2012 | | 2 | | |
| MUSC/USC | Clinical Effectiveness & Patient Safety | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 9/16/2005 | 3/16/2007 | yes | 3/16/2012 | yes | 3 | 3 | Schaefer (MUSC), Obeid (MUSC) Snyder (USC) |
| Total 2005-06 | | \$26 Million | \$25,091,495 | \$26,000,000 | \$25,191,497 | | | | | | | | |
| Funding Year 2006-07 | | | | | | | | | | | | | |
| Clemson/MUSC | Health Facilities Design and Testing | \$5 Million | \$2,000,000 | \$5,000,000 | \$2,000,000 | 6/18/2007 | 12/18/2008 | yes | 12/18/2013 | | 2 | | |
| USC | Rehabilitation and Reconstruction Sciences | \$5 Million | \$2,000,000 | \$5,000,000 | \$2,000,000 | 6/18/2007 | 12/18/2008 | yes | 12/18/2013 | | 1 | | |
| USC | Strategic Approaches to the Generation of Elect | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/18/2007 | 12/18/2008 | yes | 12/18/2013 | yes | 1 | 1 | Lauterbach |
| USC/MUSC/Clemson | Healthcare Quality | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 8/28/2006 | 2/28/2008 | yes | 2/28/2013 | yes | 2 | 2 | Sanderson (MUSC), Moskowitz (USC) |
| USC/Clemson | SeniorSMART™ Center † | \$5 Million | \$2,000,000 | \$5,000,000 | \$2,000,000 | 8/20/2007 | 2/20/2009 | yes | 2/20/2014 | | 3 | 1 | Levkoff (USC) |
| MUSC | Tobacco-Related Malignancy | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/18/2007 | 12/18/2008 | yes | 12/18/2013 | yes | 2 | 1 | Simon |
| MUSC/USC | Stroke | \$5 Million | \$4,846,233 | \$5,000,000 | \$4,885,870 | 6/18/2007 | 12/18/2008 | yes | 12/18/2013 | | 3 | 3 | Adams (MUSC), Chimowitz (MUSC) Sen (USC) |
| Total 2006-07 | | \$35 Million | \$25,846,233 | \$35,000,000 | \$25,885,870 | | | | | | | | |

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| Funding Year 2007-08 | | | | | | | | | | | | | |
| Clemson Clemson | Optoelectronics | \$2 Million | \$1,631,799 | \$2,000,000 | \$1,631,799 | 6/9/2008 | 12/9/2009 | yes | 12/9/2014 | | 1 | 1 | Johnson |
| | CyberInstitute | \$2 Million | \$2,000,000 | \$2,000,000 | \$2,000,000 | 6/9/2008 | 12/9/2009 | yes | 12/9/2014 | yes | 1 | | |
| USC USC | Nanoenvironmental Research & Risk Assessment | \$3 Million | \$3,000,000 | \$3,000,000 | \$3,000,000 | 6/9/2008 | 12/9/2009 | yes | 12/9/2014 | yes | 1 | | |
| | Nuclear Science and Energy | \$3 Million | \$1,852,175 | \$3,000,000 | \$1,852,175 | 6/9/2008 | 12/9/2009 | yes | 12/9/2014 | | 1 | | |
| MUSC MUSC/Clemson | Renal Disease Biomarkers | \$5 Million | \$3,949,219 | \$5,000,000 | \$3,954,705 | 6/9/2008 | 12/9/2009 | yes | 12/9/2014 | | 2 | 1 | Li (MUSC) |
| | Cancer Stem Cell Biology & Therapy | \$5 Million | \$5,000,000 | \$5,000,000 | \$5,000,000 | 6/9/2008 | 12/9/2009 | yes | 12/9/2014 | yes | 2 | | |
| MUSC/USC/Clemson | Advanced Tissue Biofabrication | \$5 Million | | \$5,000,000 | \$2,891,283 | 6/9/2008 | 12/9/2009 | yes | 12/9/2014 | | 3 | | |
| MUSC/USC/SCSU | Cancer Disparities †† | \$3.6 Million | \$3,600,000 | \$3,600,000 | \$3,600,000 | 9/8/2008 | 3/8/2010 | yes | 3/8/2015 | yes | 3 | | |
| MUSC/USC | Medication Safety & Efficacy †† | \$2 Million | \$600,000 | \$2,000,000 | \$850,000 | 9/8/2008 | 3/8/2010 | yes | 3/8/2015 | | 1 | 1 | Bennett (USC/MUSC) |
| Total 2007-08 | | \$30.6 Million | \$21,633,193 | \$30,600,000 | \$24,779,962 | | | | | | | | |
| Funding Year 2008-09 | | | | | | | | | | | | | |
| Clemson | Tissue Systems Characterization | \$3 Million | | | | 6/8/2009 | 12/8/2010 | Ext. II | 12/8/2015 | | 1 | | |
| USC USC/MUSC | General Atomics Center for Development of Translational Research | \$3 Million | | \$110,000 | \$110,000 | 6/8/2009 | 12/8/2010 | Ext. II | 12/8/2015 | | 1 | 1 | Treiber (MUSC) |
| | Healthful Lifestyles | \$3 Million | \$3,000,000 | \$3,000,000 | \$3,000,000 | 9/14/2009 | 3/14/2011 | yes | 3/14/2016 | yes | 2 | | |
| MUSC | Lipidomics, Pathobiology and Therapy | \$5 Million | | \$5,000,000 | \$2,175,183 | 6/8/2009 | 12/8/2010 | Ext. II | 12/8/2015 | | 2 | | |
| Total 2008-09 | | \$14 Million | \$3,000,000 | \$8,110,000 | \$5,285,183 | | | | | | | | |

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| Funding Year | | | | | | | | | | | | | |
| 2009-10 | | | | | | | | | | | | | |
| Clemson | Sustainable Development | \$4 Million | \$2,034,199 | \$3,000,000 | \$2,034,199 | 6/7/2010 | 12/7/2011 | | 12/7/2016 | | 1 | | |
| USC | Data Analysis | \$2 Million | \$2,000,000 | \$2,000,000 | \$2,000,000 | 6/7/2010 | 12/7/2011 | yes | 12/7/2016 | yes | 1 | | |
| MUSC | Inflammation & Fibrosis Research | \$5 Million | | \$1,477,219 | \$1,151,710 | 6/7/2010 | 12/7/2011 | | 12/7/2016 | | 2 | | |
| Total 2009-10 | | \$11 Million | \$4,034,199 | \$6,477,219 | \$5,185,909 | | | | | | | | |
| | | | | | | | | | | | | | |
| Totals Since Program Inception: ‡ | | \$197.6 Mill. | \$160,472,312 | \$187,187,219 | \$167,328,421 | | | | | | 87 | 40 | |
| Total Lottery Appropriations (2002-2009): | | \$180 Million | | | | | | | | | | | |
| % Against Total Funds Awarded (\$186.6M) | | | 81.21% | 94.73% | 84.68% | | | | | | | | |

* The Hydrogen Economy Center was approved during 2003-2004. Funding for one half of this Center was provided in 2003-04, the other half in 2004-2005.
† The SeniorSMART Center was approved in 2007-2008. Funding was provided from 2006-2007 dollars.
†† The Cancer Disparities Center and the Medication Safety & Efficacy Center were approved in 2008-2009. Funding was provided from 2007-2008 dollars.
‡ Total awards figure includes use of \$17.6 million in accrued program interest for additional awards, as permitted by S.C. 2-75-30(A).